THAT WHICH IS CLAIMED IS:

- 1. A vehicle control system for a vehicle comprising a vehicle data communication bus extending throughout the vehicle, the system comprising:
 - a plurality of user control devices;
- a first controller at the vehicle for generating a data bus code on the vehicle data communication bus from among a series of data bus codes and based upon a respective user control device, each data bus code of the series having a common function portion and having an identity portion that is different for each respective user control device; and
- a second multi-vehicle controller at the vehicle for comparing a data bus code on the vehicle data communication bus with a vehicle code learning index to determine the vehicle from among a plurality of different vehicles, the vehicle code learning index comprising a plurality of possible data bus codes each comprising a respective common function portion for each different vehicle with a don't care condition specified for each user control device identity portion.
- 2. The vehicle control system of Claim 1 wherein each of said user control devices comprises an ignition token.
- 3. The vehicle control system of Claim 1 wherein each of said user control devices comprises a remote transmitter.

- 4. The vehicle control system of Claim 1 wherein the series of data bus codes comprises a series of vehicle door lock codes.
- 5. The vehicle control system of Claim 1 wherein the series of data bus codes comprises a series of vehicle door unlock codes.
- 6. The vehicle control system of Claim 1 wherein the series of data bus codes comprises a series of codes authorizing vehicle engine starting.
- 7. The vehicle control system of Claim 1 wherein said second multi-vehicle controller is switchable to a learning mode for determining the vehicle.
- 8. The vehicle control system of Claim 1 wherein said second multi-vehicle controller further comprises memory for storing the vehicle code learning index.
- 9. The vehicle control system of Claim 1 wherein said second multi-vehicle controller further comprises a download device for downloading the vehicle code learning index.
- 10. The vehicle control system of Claim 1 further comprising an alarm indicator and at least one vehicle security sensor positioned in the vehicle, and wherein said second multi-vehicle controller causes said

alarm indicator to provide an alarm indication based upon the at least one vehicle security sensor.

- 11. The vehicle control system of Claim 1 wherein said second multi-vehicle controller comprises a bus interface for interfacing to the vehicle data communication bus.
- 12. The vehicle control system of Claim 1 wherein said first controller comprises a body control module (BCM).
- 13. The vehicle control system of Claim 1 wherein said first controller comprises a remote keyless entry (RKE) controller.
- 14. A vehicle control device for a vehicle comprising a vehicle data communication bus extending throughout the vehicle, the device comprising:

a multi-vehicle controller connected to the vehicle data communication bus and comprising a memory for storing a vehicle code learning index;

said multi-vehicle controller for comparing a data bus code on the vehicle data communication bus with the vehicle code learning index to determine the vehicle from among a plurality of different vehicles;

the data bus code on the vehicle data communication bus being from among a series of data bus codes and based upon a signal from a respective one of a plurality of user control devices, each data bus code of the series having a common function portion and having an

identity portion that is different for each respective user control device;

the vehicle code learning index comprising a plurality of possible data bus codes each comprising a respective common function portion for each different vehicle with a don't care condition specified for each identity portion.

- 15. The vehicle control device of Claim 14 wherein the series of data bus codes comprises a series of vehicle door lock codes.
- 16. The vehicle control device of Claim 14 wherein the series of data bus codes comprises a series of vehicle door unlock codes.
- 17. The vehicle control system of Claim 14 wherein the series of data bus codes comprises a series of codes authorizing vehicle engine starting.
- 18. The vehicle control device of Claim 14 wherein said multi-vehicle controller is switchable to a learning mode for determining the vehicle.
- 19. The vehicle control device of Claim 14 wherein said second multi-vehicle controller comprises a bus interface for interfacing to the vehicle data communication bus.
- 20. The vehicle control device of Claim 14 wherein said second multi-vehicle controller further

comprises a download device for downloading the vehicle code learning index.

- 21. The vehicle control device of Claim 14 further comprising an alarm indicator and at least one vehicle security sensor positioned in the vehicle, and wherein said multi-vehicle controller causes said alarm indicator to provide an alarm indication based upon the at least one vehicle security sensor.
- 22. A vehicle control method for a vehicle comprising a vehicle data communication bus extending throughout the vehicle, the method comprising:

generating a data bus code on the vehicle data communication bus from among a series of data bus codes based upon a respective one of a plurality of user control devices, each data bus code of the series having a common function portion and having an identity portion that is different for each respective user control device; and

comparing the data bus code on the vehicle data communication bus with a vehicle code learning index to determine the vehicle from among a plurality of different vehicles, the vehicle code learning index comprising a plurality of possible data bus codes each comprising a respective common function portion for each different vehicle with a don't care condition specified for each identity portion.

23. The method of Claim 22 wherein each of the user control devices comprises an ignition token.

- 24. The method of Claim 22 wherein each of the user control devices comprises a remote transmitter.
- 25. The method of Claim 22 wherein the series of data bus codes comprises a series of vehicle door lock codes.
- 26. The method of Claim 22 wherein the series of data bus codes comprises a series of vehicle door unlock codes.
- 27. The vehicle control system of Claim 22 wherein the series of data bus codes comprises a series of codes authorizing vehicle engine starting.
- 28. The method of Claim 22 further comprising:
 positioning an alarm indicator and at least one
 vehicle security sensor in the vehicle; and

causing the alarm indicator to provide an alarm indication based upon the at least one vehicle security sensor.